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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SHOWERS IMPROVE TOPSOIL MOISTURE

Scattered showers throughout the state this past week were welcomed by producers, according to the Minnesota Agricultural Statistics Service. The rains aided topsoil moisture in most areas but caused flooding in some places such as Roseau county.

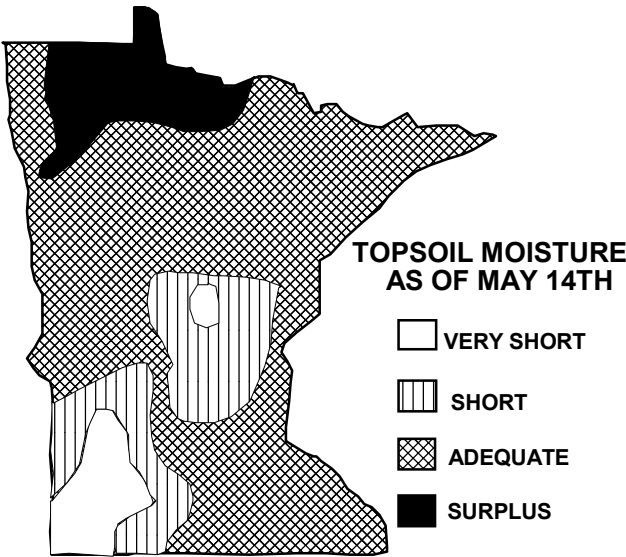
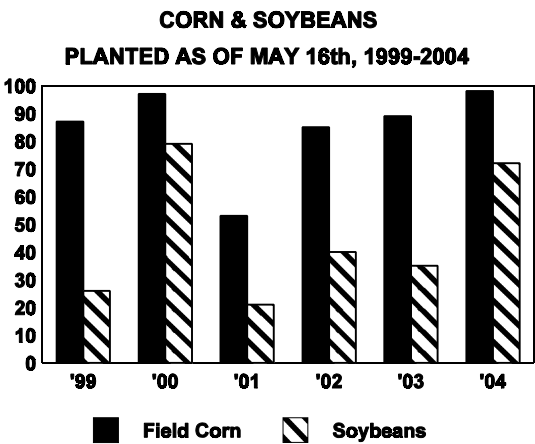
The average temperature for the week of was 50.8 degrees, 4.7 degrees below normal. Statewide topsoil moisture supplies as of May 14th were rated 13% very short, 26% short, 51% adequate, and 10% surplus.

An estimated 98% of corn acreage was planted compared with 89% for the same date last year and 82% for the five year average. Soybeans were 72% planted, versus 35% a year ago and 40% for the five year average

Spring wheat was 97% planted compared with 93% last year and five year average progress of 70%. Spring wheat was 59% emerged compared with 62% last year and 46% for the five year average. Barley acreage was 90% planted compared with 65% for the five year average. Barley emerged was at 43% compared to 55% last year and 42% for the five year average. Oat planting was 95% complete versus 83% for the five year average. Oats were 76% emerged compared to the five year average of 59%.

Dry beans are 24% planted compared to the five year average of 22%. Sunflowers are 28% planted compared to 34% last year and 21% for the five year average.

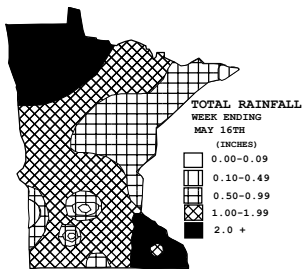
Days Suitable for Fieldwork : 4.1					
		Very Short	Short	Ade-quate	Sur-plus
Topsoil Moisture (%)		13	26	51	10
Crop Progress as of May 16, 2004					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Planted	98	90	89	82
	Emerged	56	14	26	33
Soybeans	Planted	72	47	35	40
	Emerged	7	NA	1	7
Spring Wheat	Planted	97	90	93	70
	Emerged	59	46	62	46
Oats	Planted	95	91	93	83
	Emerged	76	62	68	59
Barley	Planted	90	80	94	65
	Emerged	43	30	55	42
Canola	Planted	59	20	72	38
Dry Beans	Planted	24	18	30	22
Sweet Corn	Planted	45	29	25	35
Green Peas	Planted	81	68	61	65
Sunflowers	Planted	28	12	34	21
Potatoes	Planted	78	77	75	62
Crop Condition as of May 14 in Percent					
	Very Poor	Poor	Fair	Good	Exc
Pasture	6	21	41	30	2
Spring Wheat	6	6	37	47	4
Barley	12	7	32	44	5
Corn	2	3	29	59	7
Alfalfa	5	16	40	34	5
Oats	4	6	31	50	9



Charles Walker
Agricultural Statistician

Douglas Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING MAY 16, 2004:
Temperatures averaged from 11.4 degrees below normal in the North-west District to 0.8 degree below normal in the South Central District. Extremes: 93° in Lamberton and Olivia; 20° in Hibbing and Alexandria. Precipitation averaged from 0.08 inch above normal in the Northeast District to 2.80 inches above normal in the Northwest District. Greatest weekly total was 5.00 inches.



Precipitation and Temperature Summary for 5/10/2004 through 5/16/2004

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since Apr 29	Depart from Norm
<u>NW DIST 1</u>										
Crookston	72	30	42.6	-12.9	3.29	2.78	2.30	1.69	84	-54
Moorhead	63	29	44.7	-11.8	1.69	1.13	.06	-.56	103	-44
Warroad	77	30	42.2	-9.6	5.00	4.50	4.23	4.91	57	-47
<u>NC DIST 2</u>										
Grand Rapids	65	23	46.8	-6.6	.85	.25	-.44	-.97	99	-18
Intl. Falls	61	24	40.0	-12.5	1.90	1.38	.53	.66	46	-63
Itasca	70	27	45.0	-6.5	1.89	1.31	.38	-.54	92	-8
<u>NE DIST 3</u>										
Duluth	63	26	45.6	-5.4	.57	-.05	-.70	-1.17	62	-30
Grand Marais	69	30	44.4	-2.2	.25	-.29	-1.07	-.47	26	-28
Hibbing	65	20	44.8	-7.1	1.30	.76	-.33	-.61	62	-40
Isabella	58	23	42.2	-10.5	.56	-.11	-.14	-.58	41	-71
<u>WC DIST 4</u>										
Alexandria	65	20	44.8	-10.6	1.28	.65	.58	.09	99	-38
Browns Valley	87	31	48.8	-8.5	2.12	1.62	1.29	.32	133	-25
Canby	92	30	54.1	-3.9	.19	-.42	-.24	-1.57	170	7
Fergus Falls	81	30	48.6	-7.3	1.26	.70	.18	-.67	126	-14
Montevideo	86	29	52.8	-3.8	1.41	.74	.42	-.70	146	0
Morris	84	30	50.1	-6.9	1.64	1.04	.77	-.38	127	-26
<u>CENT DIST 5</u>										
Becker	82	29	54.2	-1.7	1.67	.93	.97	-.44	137	-4
Hutchinson	91	29	57.3	-.6	.45	-.19	-.91	-2.17	174	12
Olivia	93	29	57.0	-.6	0	-.65	-.92	-2.27	178	18
St. Cloud	80	26	53.0	-2.7	1.64	1.03	.54	-.44	150	11
Staples	79	27	50.3	-4.1	.85	.22	.22	-.83	111	-18
Willmar	85	30	54.8	-2.3	.58	-.07	-.28	-1.50	152	-2
<u>EC DIST 6</u>										
Aitkin	75	26	48.6	-4.2	.74	.08	.20	-.41	115	2
MSP Airport	77	37	55.2	-3.2	1.18	.49	.26	-.03	165	-2
St. Paul - UofM	84	33	57.0	-2.4	.85	.06	.68	-.76	188	6
<u>SW DIST 7</u>										
Lamberton	93	29	56.2	-1.6	.07	-.64	-1.50	-3.08	174	11
Pipestone	90	29	53.3	-3.4	.88	.16	-.48	-1.85	158	7
Redwood Falls	89	30	54.2	-5.1	1.56	.90	.10	-1.30	162	-16
Worthington	87	29	55.0	-1.2	1.01	.30	.46	-1.11	162	19
<u>SC DIST 8</u>										
Faribault	88	31	56.4	-.4	1.96	1.13	.81	-.73	169	18
Mankato	90	29	56.1	-1.5	1.16	.43	-.14	-1.97	175	15
Waseca	89	33	57.6	.2	1.85	.97	.47	-1.39	177	19
Winnebago	85	32	55.8	-1.8	.71	-.15	-.48	-2.01	173	12
<u>SE DIST 9</u>										
Preston	84	29	56.0	.4	3.07	2.21	1.95	.22	158	21
Red Wing	86	32	55.8	-1.7	2.33	1.56	1.27	-.04	157	-1
Rochester	77	34	55.5	-.4	1.50	.72	.58	-.05	152	11
Rosemount	90	32	57.2	.7	2.20	1.32	1.19	-.45	171	24
Winona	86	35	57.0	-2.0	2.67	1.83	2.31	.57	164	-14

m=some data missing
Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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